



FIXED BOLLARDS – Surface mount

Our fixed surface mount bollards are designed for traffic control situations or property and asset protection. Manufactured from heavy wall mild steel tube with fully welded base plates, these bollards are able to take the hard knocks. Suitable for installation onto any concrete surface. Available in round or square designs. All our bollards are supplied complete with necessary fixings and are available in a hot dip galvanised finish or hot dip galvanised with a powder coat finish.



CS150SM Bollards shown.

Chain rings

Optional chain rings are available for connecting chains or ropes to our bollards. Simply order with chain rings. Chain rings can also be purchased separately for retro fitting to existing bollards by drilling and tapping M10 threads as required.



Optional chain rings (FIX1117).

Finish

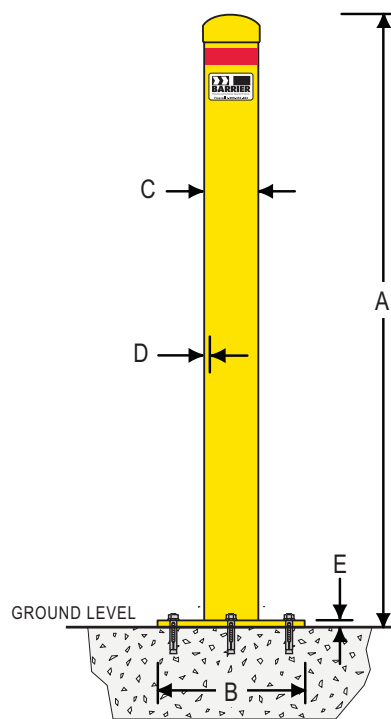
Manufactured from mild steel and hot dip galvanised as standard with the option of powder coating as a final finish. (Safety yellow is our standard colour. Other colours are available on request).

Value features:

- » Wide range of sizes in both round or square designs.
- » Fully welded heavy steel base plate.
- » Standard class 1 reflective band.
- » **All models hot dip galvanised.**
- » Supplied with fixings for concrete installation.



Surface mount flange.



SURFACE MOUNT MODEL

PLEASE NOTE:

Polyethylene protective sleeves are available to suit round C90 and C140 bollards. For more information see Section 1.1.

ROUND CENTURIAN RANGE

PART NO.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Weight (kg)	No. of Fixings	Size of Fixing (sleeve anchor)	Cap	Surface Finishes	
										G	P
C63SM	900	150	63.5	1.6	6	4	3	10 x 50mm	Push in	✓	✓
C63SM-G	900	150	63.5	1.6	6	4	3	10 x 50mm	Push in	✓	
C90SM	900	225	90	5.0	6	9	4	12 x 60mm	Fixed	✓	✓
C90SM-G	900	225	90	5.0	6	9	4	12 x 60mm	Fixed	✓	
C140SM	1200	300	140	5.0	10	23	4	16 x 65mm	Fixed	✓	✓
C140SM-G	1200	300	140	5.0	10	23	4	16 x 65mm	Fixed	✓	
C165SM	1300	350	165	5.0	12	34	4	20 x 75mm	Loose	✓	✓
C165SM-G	1300	350	165	5.0	12	34	4	20 x 75mm	Loose	✓	
C220SM	1300	400	220	6.4	12	45	4	20 x 105mm	Loose	✓	✓
C220SM-G	1300	400	220	6.4	12	45	4	20 x 105mm	Loose	✓	

SQUARE CENTURIAN RANGE

CS90SM	900	200 ²	90 ²	5	6	12.75	4	12 x 60mm	Welded	✓	✓
CS150SM	1200	300 ²	150 ²	5	10	32	4	20 x 75mm	Welded	✓	✓
FIX1117	Metric shoulder gold eye bolt – can be attached to any of the above when stated.										

Surface Finish: G – Galvanised. P – Powder coated safety yellow unless specified a custom colour.

LEGEND



AUSTRALIAN CONTENT

This product has been designed, developed and is either completely or substantially manufactured in Australia. (The minimum Australian content is between 50 and 100%).



NEW AND UNIQUE

This is a new and unique product. It has either been designed, developed and manufactured by the Barrier Group Pty. Ltd. or it is being seen here for the first time.



100% RECYCLABLE

This product is manufactured from virgin grade raw materials and is 100% recyclable using existing, readily available recycling technology and services.



RECYCLED MATERIALS

This product has been manufactured from either a combination of recycled materials and virgin grade materials or entirely from recycled materials.



HOT DIP GALVANISED

This product has been hot dip galvanised prior to any surface coatings being applied. Hot dip galvanised offers vastly improved corrosion protection and extended life in harsh environments.



FIXINGS INCLUDED

This product comes complete with all the necessary fixings to complete the standard installation. When comparing competitors prices against our own, always ensure they have included the fixings with the product (excludes gravel spikes).



5 YEAR WARRANTY

This product carries a 5 year limited warranty against structural failure due to faulty materials or workmanship in our manufactured products, OR structural failure and major fading due to U.V. degradation in our injection moulded products.

(For full conditions visit www.barriergroup.com.au).

WARNING

© Barrier Group Pty. Ltd. takes the protection of its intellectual property (IP) seriously and will not hesitate to pursue legal action against any individual, group or organization attempting to steal, copy or duplicate any of its proprietary designs OR anyone who imports, sells or distributes illegal copies or duplicates of its proprietary designs.

IT'S AGAINST THE LAW – AVOID THE PAIN!